Senior Design: Deliverable 1

Project: Scale Up Fermentation Process

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**Introduction**:

Malted barley will be infused at different temperatures and times and the resulting sugar profiles will be measured and recorded. The scope of this project consists of scaling up a fermentation process based on those laboratory results.

“Green” or “Eco-Brew” are environmental buzz words that refer to novel ways in which breweries have allocated waste streams to generate additional revenue. Different brewing processes have also been coupled to reduce the overall resources required for operation. Our group will be investigating different ways to similarly couple processes and re-allocate waste streams.